

Title (en)

Puncture needle support tool, RF coil, magnetic resonance signal measuring apparatus, and magnetic resonance imaging apparatus and method

Title (de)

Stützwerkzeug für Punktionsnadel, rf-Spule, Messgerät eines Signals mittels magnetischer Resonanz, Gerät und Verfahren zur Bilderzeugung durch magnetische Resonanz

Title (fr)

Outil de support d'une aiguille de ponction, bobinage RF, dispositif de mesure d'un signal par résonance magnétique, dispositif et méthode d'imagerie par résonance magnétique

Publication

EP 1090594 A1 20010411 (EN)

Application

EP 00308756 A 20001004

Priority

JP 28416899 A 19991005

Abstract (en)

In order to facilitate appropriate biopsy puncture in magnetic resonance imaging, a puncture needle support tool comprises a base member 610 attached to an RF coil 200, a slider 630 attached to the base member movably in parallel to the axis of the RF coil, and a puncture needle guide 636 having a puncture needle through hole 638 and an MR marker 640 disposed in parallel to the through hole, capable of linearly moving in a direction perpendicular to the sliding direction on the slider and of rotatively moving in a plane perpendicular to the axis of the RF coil. <IMAGE>

IPC 1-7

A61B 17/34; **A61B 19/00**; **A61B 5/055**; **G01R 33/28**; **A61B 10/00**

IPC 8 full level

A61B 5/055 (2006.01); **A61B 17/34** (2006.01); **A61B 19/00** (2006.01); **G01B 7/00** (2006.01); **G01R 33/28** (2006.01)

CPC (source: EP US)

A61B 5/055 (2013.01 - EP US); **A61B 5/70** (2013.01 - US); **A61B 17/3403** (2013.01 - EP US); **A61B 90/11** (2016.02 - EP US); **G01R 33/285** (2013.01 - EP US); **A61B 2090/3954** (2016.02 - EP US)

Citation (search report)

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